

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	33	dbr near6 air and @ad <"20020109" and vcsel	US-PGPUB; USPAT	OR	ON	2008/11/25 20:33
L2	24	dbr near6 air and @ad <"20020109" and vcsel and In\$2P	US-PGPUB; USPAT	OR	ON	2008/11/25 20:33
L3	1	("6,306,672").PN.	USPAT; USOCR	OR	OFF	2008/11/25 20:38
L5	1	("20030128733").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/25 20:53
L6	35	dbr near6 air and @ad <"20020109" and (vcsel VCS\$2sel)	US-PGPUB; USPAT	OR	ON	2008/11/25 20:54
L7	9	dbr near6 air and @ad <"20020109" and (vcsel VCS\$2sel) and ((tunnel near2 junction) and confinement)	US-PGPUB; USPAT	OR	ON	2008/11/25 20:55
L8	9	dbr near6 air and @ad <"20020109" and (vcsel VCS\$2sel) and (((tunnel near2 junction) and confinement) with active)	US-PGPUB; USPAT	OR	ON	2008/11/25 20:56
L9	9	dbr near8 air and @ad <"20020109" and (vcsel VCS\$2sel) and (((tunnel near2 junction) and confinement) with active)	US-PGPUB; USPAT	OR	ON	2008/11/25 20:57
L10	9	dbr with air and @ad <"20020109" and (vcsel VCS\$2sel) and (((tunnel near2 junction) and confinement) with active)	US-PGPUB; USPAT	OR	ON	2008/11/25 20:57
L11	9	dbr with air and @ad <"20020109" and (((tunnel near2 junction) and confinement) with active)	US-PGPUB; USPAT	OR	ON	2008/11/25 20:57
L12	9	(dbr with air) and @ad <"20020109" and (((tunnel near2 junction) and confinement) with active)	US-PGPUB; USPAT	OR	ON	2008/11/25 20:58

L13	2	(dbr with air) and @ad <"20020109" and (((tunnel near2 junction) and (current near3 confinement)) with active)	US-PGPUB; USPAT	OR	ON	2008/11/25 20:59
L14	2	(dbr with air) and @ad <"20020109" and (((tunnel near2 junction) and (current near3 confinement)) with (active medium))	US-PGPUB; USPAT	OR	ON	2008/11/25 20:59
L15	1	("6306672").PN.	USPAT; USOCR	OR	OFF	2008/11/25 21:24
L16	1	dbr near air and (junction near3 tunnel)	US-PGPUB; USPAT	OR	OFF	2008/11/25 21:34
L17	9	(dbr near6 air) and (junction near3 tunnel)	US-PGPUB; USPAT	OR	OFF	2008/11/25 21:34
L18	21	(dbr near6 air) and (junction near3 tunnel)	US-PGPUB; USPAT	OR	ON	2008/11/25 21:35
L19	1	("6720583").PN.	USPAT; USOCR	OR	OFF	2008/11/25 22:01
L20	1	("20020131464").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/25 22:02
L21	2	dbr and @ad <"20020109" and (((tunnel near2 junction) and (current near3 confinement)) with active)	US-PGPUB; USPAT	OR	ON	2008/11/25 22:04
L22	44	dbr and @ad <"20020109" and (((tunnel near2 junction) and (current near4 confinement))	US-PGPUB; USPAT	OR	ON	2008/11/25 22:04
L23	18	dbr and @ad <"20020109" and (((tunnel near2 junction) and (current near4 confinement)) and tunable	US-PGPUB; USPAT	OR	ON	2008/11/25 22:04
L24	41	dbr and @ad <"20020109" and (((tunnel near2 junction) and (current near4 confinement)) and (tunable with VCSEL VC \$2sel)	US-PGPUB; USPAT	OR	ON	2008/11/25 22:05

L25	4	dbr and @ad <"20020109" and ((tunnel near2 junction) and (current near4 confinement)) and (tunable with (VCSEL VC \$2sel))	US-PGPUB; USPAT	OR	ON	2008/11/25 22:05
L26	0	dbr and @ad <"20020109" and ((tunnel near2 junction) and (current near4 confinement)) and (tunable with (VCSEL VC \$2sel)) and tunable with electric\$5	US-PGPUB; USPAT	OR	ON	2008/11/25 22:09
L27	0	dbr and @ad <"20020109" and ((tunnel near2 junction) and (current near4 confinement)) and (tunable with (VCSEL VC \$2sel)) and (tunable with electric\$5)	US-PGPUB; USPAT	OR	ON	2008/11/25 22:09
S1	1290564	periphe\$5	US-PGPUB; USPAT	OR	OFF	2008/11/23 20:08
S2	1	("20030128733").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/23 20:08
S3	1	S1 and S2	US-PGPUB; USPAT	OR	OFF	2008/11/23 20:09
S4	105	dbr near6 air	US-PGPUB; USPAT	OR	OFF	2008/11/23 20:50
S5	127	dbr near6 air	US-PGPUB; USPAT	OR	ON	2008/11/23 20:50
S6	46	dbr near6 air and @ad <"20020109"	US-PGPUB; USPAT	OR	ON	2008/11/23 20:55
S7	30	dbr near6 air and @ad <"20020109" and support\$4	US-PGPUB; USPAT	OR	ON	2008/11/23 20:55
S8	6	dbr near6 air and @ad <"20020109" and (support\$4 near layer)	US-PGPUB; USPAT	OR	ON	2008/11/23 21:04
S9	11	dbr near6 air and @ad <"20020109" and (support\$4 near4 layer)	US-PGPUB; USPAT	OR	ON	2008/11/23 21:04
S10	35	dbr near6 air and (support\$4 near4 layer)	US-PGPUB; USPAT	OR	ON	2008/11/23 21:09
S11	16	dbr near6 air and @ad <"20020109" and support\$4 and (air near3 gap)	US-PGPUB; USPAT	OR	ON	2008/11/23 21:46

S12	16	dbr near6 air and @ad <"20020109" and support \$4 and (air near3 (gap separat\$5))	US-PGPUB; USPAT	OR	ON	2008/11/23 21:51
S13	9	dbr near6 air and @ad <"20020109" and support \$4 and (air near3 (gap separat\$5)) and ln\$2P	US-PGPUB; USPAT	OR	ON	2008/11/23 21:55
S14	7	dbr near6 air and @ad <"20020109" and support \$4 and (air near3 (gap separat\$5)) and (ln\$2P near6 dbr)	US-PGPUB; USPAT	OR	ON	2008/11/23 22:01
S15	1	("20020036295").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/25 15:54
S16	7	in\$2p near8 (air near2 gap) near5 dbr	US-PGPUB; USPAT	OR	ON	2008/11/25 17:00
S17	13	in\$2p near8 air near5 dbr	US-PGPUB; USPAT	OR	ON	2008/11/25 17:02
S18	12	in\$2p with air near5 dbr	US-PGPUB; USPAT	OR	ON	2008/11/25 17:03
S19	13	in\$2p with air near8 dbr	US-PGPUB; USPAT	OR	ON	2008/11/25 17:04
S20	0	("6947217").URPN.	USPAT	OR	OFF	2008/11/25 17:05
S21	6	("5303255"   "6150190"   "6233267"   "6306672"   "6324192"   "6326646").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/25 17:05

11/25/2008 10:32:05 PM

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